

Work Order ID 80782

Tuesday, February 28, 2012 4:22:10 PM

80782

Page 1

Item ID: D2017-105

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Step Struts

Start Date: 2/28/2012 Start Qty: ~~1.00~~ ***1***

Cust Item ID:

Required Date: 2/29/2012 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: *MF*Date: *12-02-28* Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D2017

Rev F

100

0.00

100

Brake NC

0.00

Brake NC

Memo

Punch tube type 304-2B
Drill hole to .312" as per Dwg
and spec control D2638
Deburr*Si 12/02/29**② FF 12-02-29*

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

0.00

Quality Control

Memo

*Si 12/02/29**②*

120

White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel

0.00

120

Powdercoat

0.00

Powder Coating

Memo

*Start Time: 3:15
Temp: 400°F
Finish Time: 3:45**2XP M-1 12/02/29**M 12/02/29*

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Page 2

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Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC3- Inspect Part Finish

0.00

130

QC

Memo

0.00

Quality Control

b/b 29 5 f 20

140

Identify as per dwg & Stock Location: _____

0.00

140

Packaging

Memo

0.00

Packaging

12/2/29 5 f 20

150

QC21- Final Inspection - Work Order Release

0.00

150

QC

Memo

0.00

Quality Control

MLJ 12/03/02

12-03-20

Picklist Print

Wednesday, February 29, 2012 8:54:35 A

Page 1

Work Order ID: 80782
Parent Item: D2017-105
Parent Item Name: Step Struts

Start Date: 2/28/2012 Required Date: 2/29/2012
Start Qty: 1.00 Required Qty: 1.00

Comments: IPP E02.06.19Added finishing level (Ref. ECN 435) KJ/RF

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.750W.049 304 RD Tube .750 x .049W		Purchased	No				f	131.8330		1.2666			

Location	Loc Qty	Loc Code
MAT017	131.833	
109314	9.333	
111619	3	
112187	4	
112800	11	
114852	2.75	
116108	3	
117797	0.75	
120441	98	

119600

SB 12/02/29 (2)

11
1.266
1.264
2.532

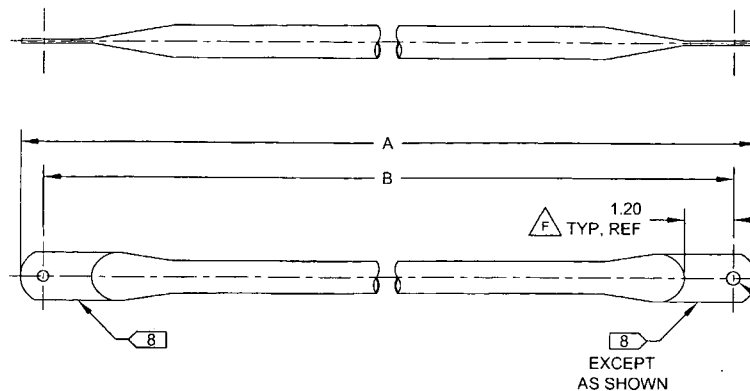
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



#8072

D2017-XXX STEP STRUT

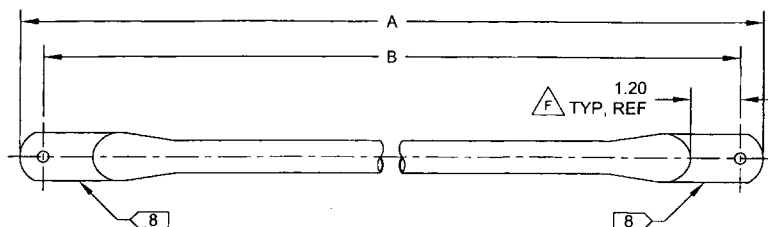
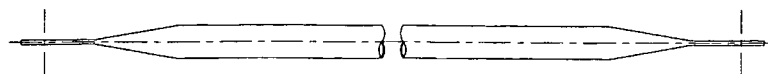
PART NUMBER	A	B
D2017-101	17.73	16.93
D2017-103	18.74	17.94
D2017-113	20.50	19.70

RELEASED
28/04/16 MW

NOTES:

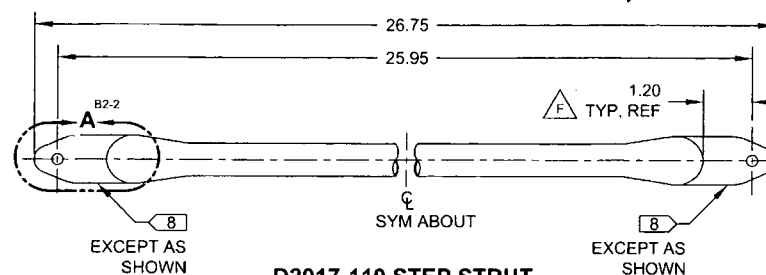
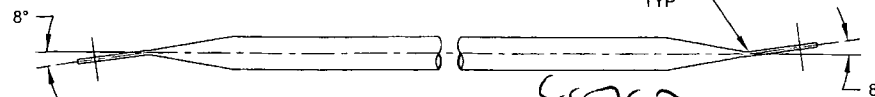
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBE, Ø0.750 x 0.049 WALL
REF. DART SPEC M304TR0.750W.049
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D2017-XXX" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A
- 8) PUNCH ENDS PER SPEC CONTROL DRAWING D2638.

F	DRAWING TRANSFERRED TO "B" FORMAT AND TO CURRENT STANDARDS. REDRAWN FOR CLARITY 1.20 REF DIM ADDED. SEE PAR 09-002 FOR DETAILS.	AJS	09.03.06
E	ENDS PUNCHED PER SPEC CTRL; -119 CHANGE (TSR A897) ADD FINISH (INCOPORATE E1)	CP	02.03.22
D	ADDED PARTS	BW	96.03.28
C	ADDED PARTS	BW	95.01.26
REV.	DESCRIPTION	BY	DATE
DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D2017	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		STEP STRUTS	NTS
DATE	09.03.06	<small>COPYRIGHT © 1995 BY DART AEROSPACE LTD ALL RIGHTS RESERVED. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.</small>	

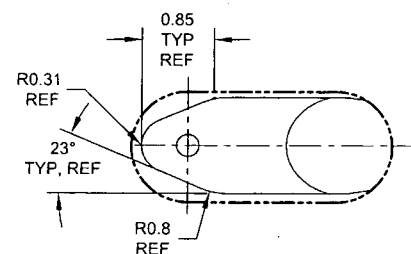


D2017-XXX STEP STRUT

PART NUMBER	A	B
D2017-105	14.95	14.15
D2017-107	15.61	14.81
D2017-109	13.93	13.13
D2017-111	15.30	14.50
D2017-115	12.42	11.62
D2017-117	13.86	13.06
D2017-121	12.30	11.50
D2017-123	12.92	12.12
D2017-125	19.55	18.75
D2017-127	20.30	19.50
D2017-129	31.43	30.63
D2017-131	19.68	18.88
D2017-201	21.31	20.51
D2017-203	16.39	15.59
D2017-205	16.53	15.73
D2017-207	13.85	13.05
D2017-209	15.64	15.33
D2017-211	15.67	14.87
D2017-213	15.82	15.02
D2017-215	16.47	15.67
D2017-217	16.70	15.90
D2017-219	13.65	12.85
D2017-221	13.58	12.78
D2017-223	12.95	12.15
D2017-225	13.99	13.19
D2017-227	30.67	29.87
D2017-133	30.66	29.86



D2017-119 STEP STRUT
(SHOWN PRIOR TO BENDING)



DETAIL A D4-2
TRIM AFTER PUNCHING PER DT8360
SCALE 2X

RELEASED
09/04/16

DESIGN	BW	DART AEROSPACE LTD	
DRAWN	A/S	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D2017	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		STEP STRUTS	NTS
DATE	09.03.06	COPYRIGHT © 1995 BY DART AEROSPACE LTD	